

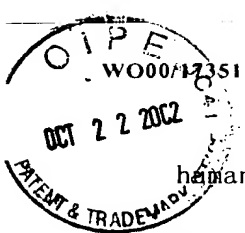


human HDGF2 Nt - --TTTG-----ATA-----TGAACCAACACATAG--- -827
 |||| | | | | |
 mouse HDGF Nt - CCTTTGGGGTGGATAGTGGGCAGGAGTGGAGGTGAAAGAATATAAAGGAG -1141
 human HDGF2 Nt - -----TCCTTGTTGTCATTGAC-----AGAACC-----CCAG----- -854
 || | | | | || | | | |
 mouse HDGF Nt - TGTGGGTTTCATGGATGGCATCGTCTACCTGAGCTCCTGTCTCCAGCCCCC -1191
 human HDGF2 Nt - -----TTTG----TATG--TACATT----- -868
 || | | | |
 mouse HDGF Nt - ACACTTATTTTCCCATCTGCCTACATTCAAGAAACAGGACACTGTGGGAG -1241
 human HDGF2 Nt - -----ATTCAT--ATTCCTCTCTGTTGTGTTTCGGG----- -897
 || || | | | | || | | |
 mouse HDGF Nt - AGAGGCTACCATCCATCCATAAACTCTGTTGATTTTTGGGAACACTTAT -1291
 human HDGF2 Nt - -----GGGAA-AAGACATTTTAGC-----CTTT-- -919
 || | | | | | | |
 mouse HDGF Nt - CCCCCTGACCCCAGGGTTCAAGGAATTGTAGTTTAACATCTAGACTTTGG -1341
 human HDGF2 Nt - --TTTAAAAGTT----- -929
 || | | | |
 mouse HDGF Nt - AGTTTCCAAGTTTGGGCCTAGGACCTGGAGGGAGCTAAGAGCTGAAGAAT -1391
 human HDGF2 Nt - --ACTGATTTAATTTCA-----TGT-TATTTGGTT-----GCATGAA-- -963
 || || || || | | | | | | | |
 mouse HDGF Nt - CAACTGATTTGCATTGAGGAAATGTCTCTTTAGATCTCAGGGCAGAAATG -1441
 human HDGF2 Nt - -----GTTGCCCTTAACCACT---AAGGATTAT---C -989
 | || | | | | | | | | |
 mouse HDGF Nt - ATAACCTGGGGAGACCTGCTGCCTTCATCTACTTCCCAATGCTTGAGGCC -1491
 human HDGF2 Nt - A-----AGATTTTTCGCGAGACTTATA-----CATGTCT- -1018
 | || | | | | | | | | | | |
 mouse HDGF Nt - AGCCTGTAGTCAGATATTTACCCAGACATAAAGGAAAAGACCATTTTTT -1541
 human HDGF2 Nt - --AGGATC -1024
 ||||
 mouse HDGF Nt - TTAGGAAATGTTTTTAATAAAA -1563

(SEQ ID NO: 3)
 (SEQ ID NO: 9)

Identity: 68.7%

Fig. 1 (cont.)



human HDGF2 - MARP-RPREYKAGDLVFAKMGYPHWPARIDELPEGAVKPPANKYPIFFF -49
|. | | . ||| | ||||| ||||| . || ||| |||| . |||
mouse HDGF - MSRSNRQKEYKCGDLVFAKMGYPHWPARIDEMPEAAVKSTANKYQVFFF -50

human HDGF2 - GTHETAFLGPKDLFPYKEYKDKFGKSNKRKGFNEGLWEIENNPVGKFTGY -99
||| ||||| ||||| | | ||| ||||| ||||| ||| . ||
mouse HDGF - GTHETAFLGPKDLFPYEESEKFKGPNKRKGFSEGLWEIENNPVKASGY -100

human HDGF2 - QAIQQQSSS-----ETEGEGGN-----TADASSEEEGDRVEEDGKGKRKN -139
|. | | . | | | . |. ||. ||| .. | | ||
mouse HDGF - QSSQKKSCAAEPEVEPEAHEGDGDKKGS AEGSSDEEG-KLVIDEPAKEKN -149

human HDGF2 - EKAGSKRKKSYTSKKSSKQSRKSPGDEDD----- -168
|| ||. | | . | |..
mouse HDGF - EKGTLKRRAGDVLEDSPKRPKESGDHEEEDKEIAALEGERHLPVEVEKNS -199

human HDGF2 - -----KDCKEEENKSSSEGGDAGNDTRNTTSDLQKTSEGT -203 (SEQ ID NO: 4)
| | | | |
mouse HDGF - TPSEPDSGQGPPAEEEEEEEEAAKEEAEAPGVRDH-----ESL -237 (SEQ ID NO: 10)

Identity: 53.7%
Similarity: 9.4%

Fig. 2